



## PATENT ABSTRACTS OF JAPAN

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(21) Application number: **10034917**(71) Applicant: **NIKON CORP**(22) Date of filing: **17 . 02 . 98**(72) Inventor: **IWANE TORU**(54) **CAMERA PROVIDED WITH ELECTRONIC  
PREVIEW FUNCTION**

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To obtain a bright preview image without stopping down a diaphragm to a set diaphragm value and also without adopting a complicated mechanism.

**SOLUTION:** A screen 31 using high polymer dispersion type liquid crystal whose scattering degree is changed in accordance with applied voltage is disposed at a position conjugate with the surface of film F on which a subject image passing through a photographing lens 21 is formed. When a half-depressing switch SW1 is turned on, voltage in accordance with the set diaphragm value calculated by exposure arithmetic operation is applied on the high polymer dispersion type liquid crystal of the screen 31 and the scattering degree of the screen 31 is changed. Thus, the subject image formed on the screen 31 is observed as a video with unsharpness in accordance with the depth of field of the set diaphragm value from a finder device 30.

